Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**CW:** Quadratics

Honors Geometry

Due: 5/15/2015

Compare the two equations below. Create a list of similarities and differences.

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| Differences: | |
| Similarities: | |

Graph the two equations:

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What did you notice?

1. If there was a question asking you to find the minimum y-value. Which equation would have been more helpful, why?
2. If there had been a question asking you what the x-intercepts were. Which equation would have been more helpful, why?
3. Create a question where the factored form will make finding the answer easier.
4. Create a question where the vertex form will make finding the answer easier.

Exit Ticket:

Watch the video. What questions do you have in order to determine if the basketball will make it into the hoop?